Shanmuga Industries Arts & Science College
T.V.Malai

APRIL/MAY 2025

23PCS23 — ADVANCED JAVA PROGRAMMING

Time : Three hours Maximum : 75 marks

SECTION A — (10 × 2 = 20 marks)

Answer ALL questions.

1. What are the main components of Java program?
2. Define the term multithreading in Java.
3. What is RMI in Java?
4. What is Object serialization in Java?
5. What is the purpose of driver manager in JDBC?
6. Name two types of multimedia data that can be stored in database.
7. What is CGI programming?
8. What are directives in JSP?
9. Mention any three java advanced techniques.
10. Specify any two differences between AWT and swing.

SECTION B — (5 × 5 = 25 marks)

Answer ALL questions.

11. (a) Describe the different types of event listeners in Java.

Or

(b) What are the media capabilities of Java? Explain.

12. (a) What are the steps involved in creating a Java RMI application? Discuss.

Or

(b) How does Java serialize object? Explain with an example.

13. (a) Illustrate the JDBC architecture.

Or

(b) How can Java provide the Database support in web application? Explain.

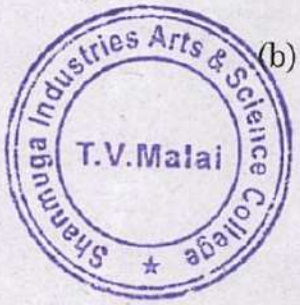
14. (a) Describe about the servlet life cycle.

Or

(b) Explain the components of JSP.

15. (a) Discuss on JAR file format.

Or



(b) Describe the use of JTextfield of swing with example.

SECTION C — (3 × 10 = 30 marks)

Answer any THREE questions.

16. Discuss on the event handing in Java with examples.

17. Describe about the distributed application architecture and its significance.

18. Explicate the Database access using Java JDBC with a complete program.

19. Explain the method of reading HTTP request Header.

20. What is Internationalization? Explain in detail.

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